

Historical Floods: Lehigh River at Lehighton, Pennsylvania

Latitude: 40.829

Flood Stage: 10 ft

Period of Record: 1902-Present

Last Flood: 3/11/2011

Longitude: -75.706

Number of Floods: 14

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
2/28/1902	20.80	-9,999	Major	C1 C4
7/10/1935	15.90	-9,999	Major	C1 C4
5/23/1942	12.07	-9,999	Moderate	C1 C4
8/19/1955	20.30	-9,999	Major	C1 C4
4/16/1983	11.82	21,200	Minor	F2
1/28/1985	10.30	17,000	Minor	F2
9/27/1985	18.22	25,500	Major	C7 F2
9/13/1987	12.16	22,100	Moderate	F2
4/4/1993	10.13	-9,999	Minor	F2
4/11/1993	10.48	17,300	Minor	F2
1/27/1996	12.55	22,900	Moderate	F2
9/18/2004	12.01	21,200	Moderate	F2
6/28/2006	13.50	25,500	Moderate	F2
3/11/2011	12.95	24,300	Moderate	F2

Drainage Area: 591 sq mi

Gage Datum: 444.26 ft MSL

Lehigh Basin

County of Gage: Carbon
County of Forecast Point: Carbon

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Category

Code

-9999 signifies missing data

MARFC Codes

Code Description

- C1 Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
- C2 Crest information looks reliable despite potential problems. This data was used in frequency calculations.
- C3 Crest height estimated by the USGS.
- C4 Crest height is from the National Weather Service.
- C5 Crest height affected by backwater.
- C6 Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
- C7 Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
- C8 Crest date (day) in the month is unknown.
- C9 Flow is an estimate.
- F1 Flow affected by regulation or diversion and in some cases to an unknown degree.
- F2 Flow effected by snow-melt, ice jam or debris jam break up.
- F3 Flow affected by dam failure.
- F4 Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
- F5 Gage height at a different site and/or datum.
- G1 Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
- G2 Gage datum changed during this year.

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